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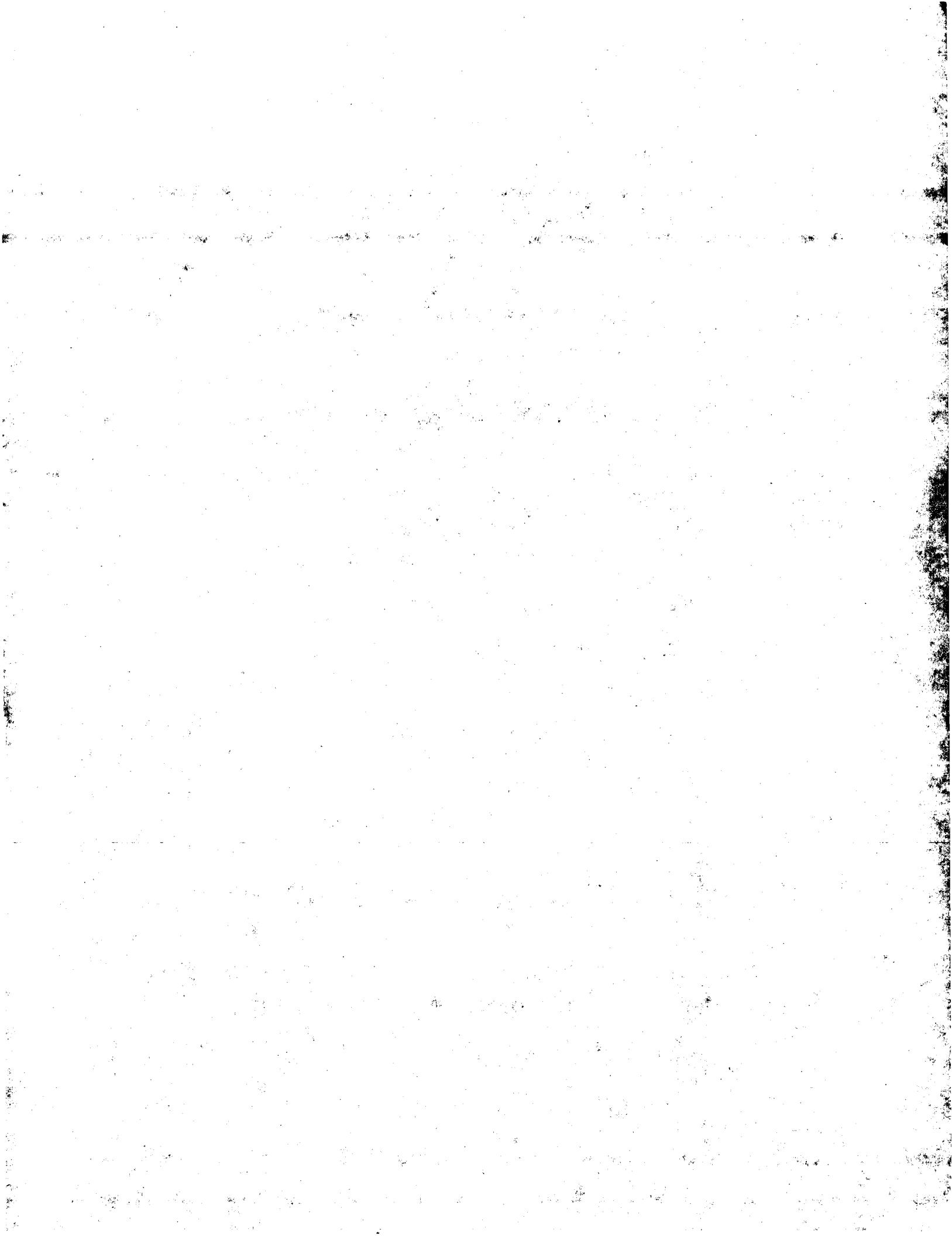
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741004.1013

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Colin David RICKSON
Serial No. : 10/713,630
Filed : November 15, 2003
For : CONTAINER

SUBMISSION OF PRIORITY DOCUMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with Applicant's Letter Re Priority dated November 15, 2003, Applicant submits herewith a Certified Copy of the Priority Document, BRITISH Patent Application No. 0226702.9, as filed on NOVEMBER 15, 2002.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "G E Pollack".

Grant E. Pollack, Esq.
Registration No. 34, 097
Steinberg & Raskin, P.C.
1140 Avenue of the Americas, 15th Floor
New York, New York 10036
(212) 768-3800

Attorney for Applicant

Dated: January 8, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450
On January 8, 2004

Name Grant E. Pollack

A handwritten signature in black ink, appearing to read "G E Pollack".

Signature





INVESTOR IN PEOPLE

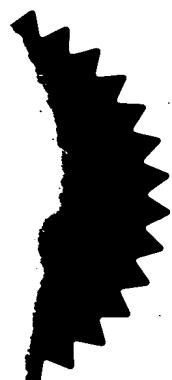
The Patent Office
Concept House
Cardiff Road
Newport
South Wales
NP10 8QQ

I, the undersigned, being an officer duly authorised in accordance with Section 74(1) and (4) of the Deregulation & Contracting Out Act 1994, to sign and issue certificates on behalf of the Comptroller-General, hereby certify that annexed hereto is a true copy of the documents as originally filed in connection with the patent application identified therein.

In accordance with the Patents (Companies Re-registration) Rules 1982, if a company named in this certificate and any accompanying documents has re-registered under the Companies Act 1980 with the same name as that with which it was registered immediately before re-registration save for the substitution as, or inclusion as, the last part of the name of the words "public limited company" or their equivalents in Welsh, references to the name of the company in this certificate and any accompanying documents shall be treated as references to the name with which it is so re-registered.

In accordance with the rules, the words "public limited company" may be replaced by p.l.c., plc, P.L.C. or PLC.

Re-registration under the Companies Act does not constitute a new legal entity but merely subjects the company to certain additional company law rules.

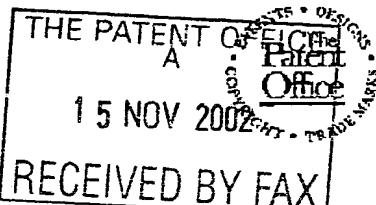


Signed

Dated 27 November 2003



Patents Form 1/77

Patents Act 1977
(Rule 16)

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15M0V02 E763695-2 D02835
P01/7700 02/00-0226702.9

Request for grant of a patent

(See the notes on the back of this form. You can also get an explanatory leaflet from the Patent Office to help you fill in this form.)

The Patent Office

Cardiff Road
Newport
South Wales
NP10 8QQ

1. Your reference

SMR/MAW/P550575

2. Patent application number

(The Patent Office will fill in this part)

0226702.9

15 NOV 2002

3. Full name, address and postcode of the or of each applicant (underline all surnames)

MARCHWOOD LIMITED
UNIT 3, THE DENE
ASPLEY HILL
WOBURN SANDS
MILTON KEYNES MK17 8NN

Patents ADP number (if you know it)

UK

8507220001

4. Title of the invention

ELECTRONIC TRANSMISSION INHIBITION

5. Name of your agent (if you have one)

"Address for service" in the United Kingdom to which all correspondence should be sent (including the postcode)

URQUHART-DYKES & LORD
Midsummer House
413 Midsummer Boulevard
CENTRAL MILTON KEYNES
MK9 3BN

Patents ADP number (if you know it)

1644008

6. If you are declaring priority from one or more earlier patent applications, give the country and the date of filing of the or of each of these earlier applications and (if you know it) the or each application number

Country

Priority application number
(if you know it)Date of filing
(day / month / year)

7. If this application is divided or otherwise derived from an earlier UK application, give the number and the filing date of the earlier application

Number of earlier application

Date of filing
(day / month / year)

8. Is a statement of inventorship and of right to grant of a patent required in support of this request? (Answer 'Yes' if:

YES

- a) any applicant named in part 3 is not an inventor, or
- b) there is an inventor who is not named as an applicant, or
- c) any named applicant is a corporate body.

See note (d).

Patents Form 1/77

9. Enter the number of sheets for any of the following items you are filing with this form.
Do not count copies of the same document

Continuation sheets of this form

Description

1

Claim(s)

Abstract

Drawing(s)

3 only Rm

10. If you are also filing any of the following, state how many against each item.

Priority documents

-

Translations of priority documents

-

Statement of inventorship and right to grant of a patent (*Patents Form 7/77*)

-

Request for preliminary examination and search (*Patents Form 9/77*)

-

Request for substantive examination
(*Patents Form 10/77*)

-

Any other documents
(please specify)

-

11.

I/We request the grant of a patent on the basis of this application.

Signature

Date

15.11.02

12. Name and daytime telephone number of person to contact in the United Kingdom

Mr Simon Raynor - 01908 666645

Warning

After an application for a patent has been filed, the Comptroller of the Patent Office will consider whether publication or communication of the invention should be prohibited or restricted under Section 22 of the Patents Act 1977. You will be informed if it is necessary to prohibit or restrict your invention in this way. Furthermore, if you live in the United Kingdom, Section 23 of the Patents Act 1977 stops you from applying for a patent abroad without first getting written permission from the Patent Office unless an application has been filed at least 6 weeks beforehand in the United Kingdom for a patent for the same invention and either no direction prohibiting publication or communication has been given, or any such direction has been revoked.

Notes

- If you need help to fill in this form or you have any questions, please contact the Patent Office on 08459 500505.
- Write your answers in capital letters using black ink or you may type them.
- If there is not enough space for all the relevant details on any part of this form, please continue on a separate sheet of paper and write "see continuation sheet" in the relevant part(s). Any continuation sheet should be attached to this form.
- If you have answered 'Yes' Patents Form 7/77 will need to be filed.
- Once you have filled in the form you must remember to sign and date it.
- For details of the fee and ways to pay please contact the Patent Office.

Electronic Transmission Inhibition

Due to potential navigation, fuel supply and instrumentation problems on aircraft if portable phones are used on board, passengers are required to switch off electronic equipment and phones.

However, equipment will have been left on in hand luggage and in the hold inadvertently. Alternatively, people will be wilful or not realise that a laptop could have the same effect as a portable phone.

The essence of the invention is a simple circuit which, when added to a phone or laptop the ability to generate signals is inhibited automatically when in close proximity to, or in, a plane.

This principle could also be applied to theatres, cinemas and conference centres. All that would be required would be a small box in the vicinity of the seating area.

However, in an aircraft there would be no requirement for a box as there is a unique signal from a plane which is not found in other environments.

Specifically, aircraft are powered by 400 Hz generators which may vary by up to 6% in frequency in some situations. The invention includes a 400Hz live wire detector.

It was established in tests on a Boeing 737 that a simple detector could detect the presence of a plane from 20 Metres and in the hold of the aircraft, the signal was extremely strong. The signal could be used to inhibit any phones in the vicinity [See diagrams 1 to 3].

Alternatively, it has been experienced by everyone that an annoying handshake signal from a nearby portable phone can be picked on a land line telephone. This signal may be used to detect that an active phone is in the vicinity. With a simple "black box" in the plane, theatre or hospital a phone would be detected and shut down or sleep signal. This would only require a software update on the portable phone to enable compliance to shut down whilst in the vicinity of the "black box"

For theatre and auditoria an inhibit for a ringing tone may be more appropriate. However on a plane a block for the "transmit" signal is the priority



15/11 '02 FRI 16:20 FAX +44 1908 351155

UDL MILTON KEYNES

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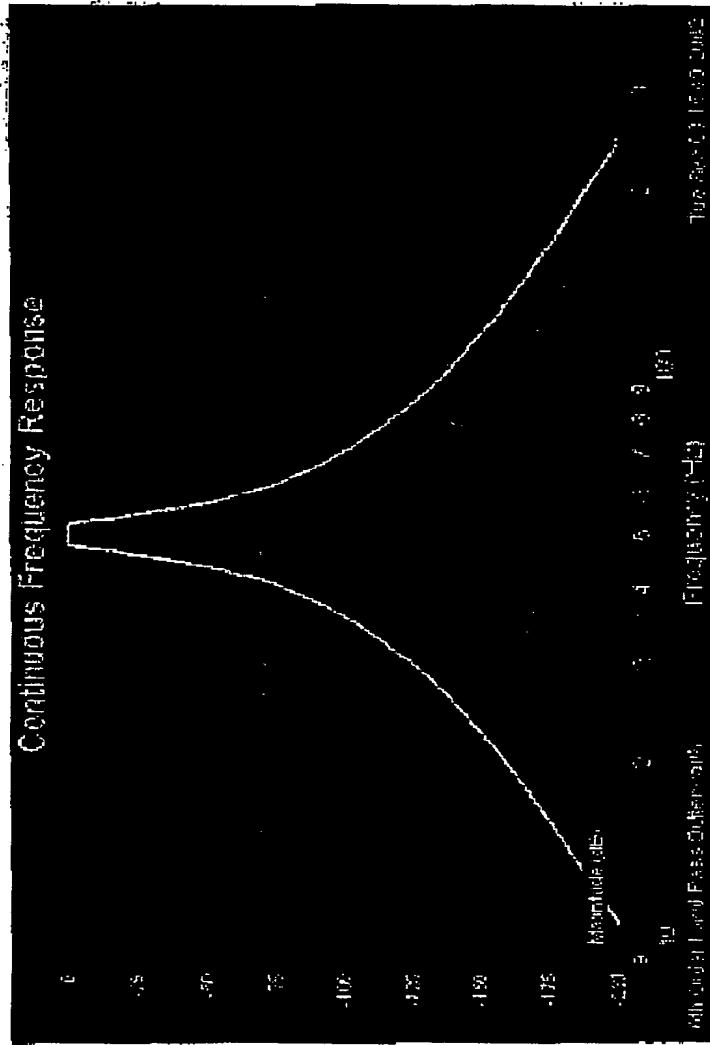
14 Nov 02 14:57

Colin Rickson

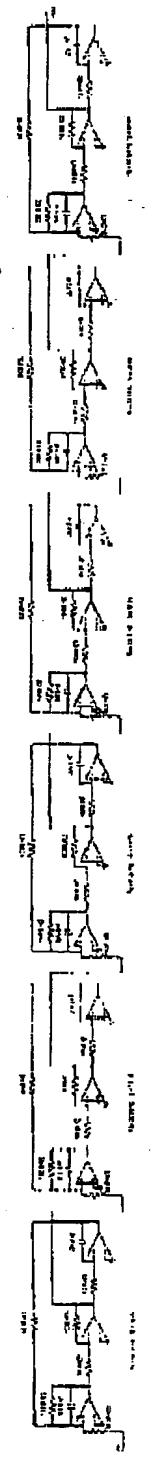
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P.3

50 Hz Detection



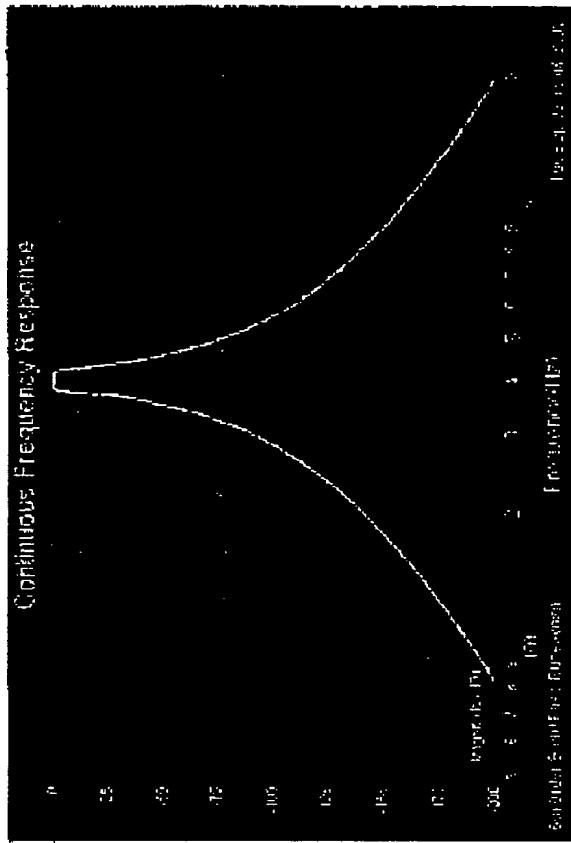
50 Hz Band Pass Filter Output



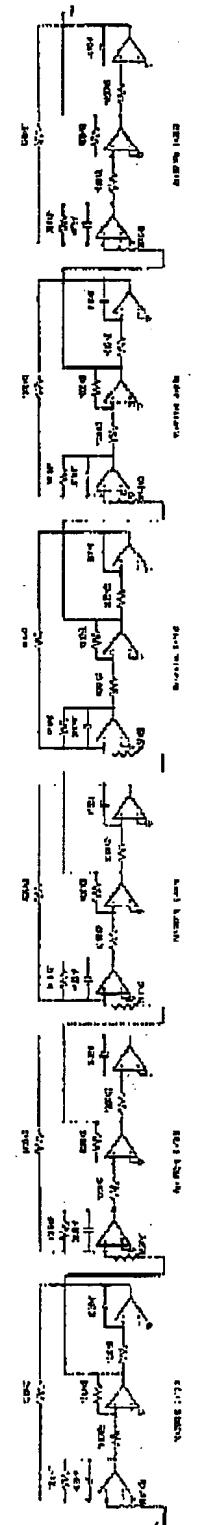
PERA
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400 Hz Detection



6. Order Band Pass Butterworth
crossover 100 Hz
crossover 190 Hz



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400 Hz Detection

